

# Supplemental Results File

## 1 Model Variable Descriptive Statistics

The following table includes the descriptive statistics of all variables mined from the NHANES 2015-2016 dataset. The total number of participants was  $n = 4,582$ .

**Table S1.1.** Descriptive statistics of included numeric and categorical variables included in the modelling dataset.

NHANES Variable	Variable Description (units)	Variable Level	Value
AUQ030 (%)	Have you been exposed to loud noise or listened to music with headphones in the past 24 hours?	No	3711 ( 85.0)
		Yes	656 ( 15.0)
AUXOTSPL (%)	Normal Otoscopy, Left Ear	No	680 ( 15.6)
		Yes	3689 ( 84.4)
AUXLOEXC (%)	Excessive Cerumen, Left Ear	No	3852 ( 88.2)
		Yes	517 ( 11.8)
AUXLOIMC (%)	Impacted Cerumen, Left Ear	NA	213 ( 4.6)
		No	4237 ( 92.5)
		Yes	132 ( 2.9)
AUXROTSP (%)	Normal Otoscopy, Right Ear?	No	746 ( 17.1)
		Yes	3623 ( 82.9)
AUXROEXC (%)	Excessive Cerumen, Right Ear?	No	3801 ( 87.0)
		Yes	568 ( 13.0)
AUXROIMC (%)	Impacted Cerumen, Right Ear?	No	4223 ( 96.7)
		Yes	146 ( 3.3)
AUXTPVR (mean (SD))	Physical Volume-Tymp, Right Ear (mL)		1.32 (0.38)
AUXTWIDR (mean (SD))	Tympanometric width, right ear		84.63 (42.64)
AUXTCOMR (mean (SD))	Compliance (tympanometry), right ear		0.79 (0.57)
AUXTMEPL (mean (SD))	Middle Ear Pressure, Tymp, Left (daPa)		-13.47 (35.65)
AUXTPVL (mean (SD))	Physical Volume-Tymp, Left ear (mL)		1.29 (0.39)
AUXTWIDL (mean (SD))	Tympanometric width, left ear		85.36 (44.37)

<b>AUXTCOML (mean (SD))</b>	Compliance (tympanometry), left ear		0.78 (0.57)
<b>AUXU1K1R (mean (SD))</b>	Right threshold @ 1000Hz in decibels (Hearing Level)		11.36 (11.36)
<b>AUXU500R (mean (SD))</b>	Right threshold @ 500Hz in decibels (Hearing Level)		11.10 (10.72)
<b>AUXU1K2R (mean (SD))</b>	Right threshold @ 1000Hz, second reading, decibels (Hearing Level)		10.76 (11.38)
<b>AUXU2KR (mean (SD))</b>	Right threshold @ 2000Hz in decibels (Hearing Level)		11.64 (13.64)
<b>AUXU3KR (mean (SD))</b>	Right threshold @ 3000Hz in decibels (Hearing Level)		16.15 (16.87)
<b>AUXU4KR (mean (SD))</b>	Right threshold @ 4000Hz in decibels (Hearing Level)		18.76 (18.99)
<b>AUXU6KR (mean (SD))</b>	Right threshold @ 6000Hz in decibels (Hearing Level)		25.55 (20.06)
<b>AUXU8KR (mean (SD))</b>	Right threshold @ 8000Hz in decibels (Hearing Level)		27.86 (22.24)
<b>AUXU1K1L (mean (SD))</b>	Left threshold @ 1000Hz in decibels (Hearing Level)		11.24 (11.52)
<b>AUXU500L (mean (SD))</b>	Left threshold @ 500Hz in decibels (Hearing Level)		11.05 (10.72)
<b>AUXU1K2L (mean (SD))</b>	Left threshold @ 1000Hz, second reading, in decibels (Hearing Level)		10.79 (11.69)
<b>AUXU2KL (mean (SD))</b>	Left threshold @ 2000Hz in decibels (Hearing Level)		12.25 (13.96)
<b>AUXU3KL (mean (SD))</b>	Left threshold @ 3000Hz in decibels (Hearing Level)		17.49 (17.46)
<b>AUXU4KL (mean (SD))</b>	Left threshold @ 4000Hz in decibels (Hearing Level)		20.21 (19.64)
<b>AUXU6KL (mean (SD))</b>	Left threshold @ 6000Hz in decibels (Hearing Level)		26.19 (20.22)
<b>AUXU8KL (mean (SD))</b>	Left threshold @ 8000Hz in decibels (Hearing Level)		27.40 (22.78)
<b>AUATYMTR (%)</b>	Tympanogram Type, Right Ear	Type A	3908 ( 93.4)
		Type AD	75 ( 1.8)
		Type AS	131 ( 3.1)
		Type B	23 ( 0.5)
		Type C	47 ( 1.1)
<b>AUATYMTL (%)</b>	Tympanogram Type, Left Ear	Type A	3886 ( 93.4)
		Type AD	75 ( 1.8)
		Type AS	135 ( 3.2)
		Type B	22 ( 0.5)
		Type C	43 ( 1.0)
<b>DPQ010 (%)</b>	Have little interest in doing things	Don't know	4 ( 0.1)
		More than half the days	207 ( 5.1)
		Nearly every day	182 ( 4.4)
		Not at All	3006 ( 73.4)
		Several days	695 ( 17.0)

<b>DPQ020 (%)</b>	Feeling down, depressed, or hopeless	More than half the days	170 ( 4.1)
		Nearly every day	127 ( 3.1)
		Not at All	3080 (75.2)
		Several days	720 (17.6)
<b>DPQ030 (%)</b>	Trouble sleeping or sleeping too much	More than half the days	287 ( 7.0)
		Nearly every day	320 ( 7.8)
		Not at All	2511 (61.3)
		Several days	981 (23.9)
<b>DPQ040 (%)</b>	Feeling tired or having little energy	More than half the days	359 ( 8.8)
		Nearly every day	329 ( 8.0)
		Not at All	1947 (47.5)
		Several days	1464 (35.7)
<b>DPQ050 (%)</b>	Poor appetite or overeating	Don't know	1 ( 0.0)
		More than half the days	197 ( 4.8)
		Nearly every day	199 ( 4.9)
		Not at All	2992 (73.0)
<b>DPQ060 (%)</b>	Feeling bad about yourself	Several days	710 (17.3)
		Don't know	1 ( 0.0)
		More than half the days	119 ( 2.9)
		Nearly every day	113 ( 2.8)
<b>DPQ070 (%)</b>	Trouble concentrating on things	Not at All	3404 (83.1)
		Several days	461 (11.2)
		More than half the days	128 ( 3.1)
		Nearly every day	130 ( 3.2)
<b>DPQ080 (%)</b>	Moving or speaking slowly or too fast	Not at All	3423 (83.5)
		Several days	418 (10.2)
		Don't know	1 ( 0.0)
		More than half the days	84 ( 2.0)
		Nearly every day	70 ( 1.7)
		Not at All	3671 (89.6)
		Several days	273 ( 6.7)

DPQ090 (%)	Thought you would be better off dead	Don't know	2 ( 0.0)
		More than half the days	26 ( 0.6)
		Nearly every day	22 ( 0.5)
		Not at All	3945 ( 96.3)
		Several days	103 ( 2.5)
DPQ100 (%)	Difficulty these problems have caused	Don't know	1 ( 0.0)
		More than half the days	84 ( 2.9)
		Nearly every day	36 ( 1.3)
		Not at All	2186 ( 76.6)
		Several days	548 ( 19.2)
INQ020 (%)	Income from wages/salaries	No	658 ( 15.0)
		Yes	3742 ( 85.0)
INQ012 (%)	Income from self employment	No	3616 ( 81.8)
		Yes	803 ( 18.2)
INQ030 (%)	Income from Social Security or RR	No	3406 ( 77.3)
		Yes	1001 ( 22.7)
INQ060 (%)	Income from other disability pension	No	4023 ( 91.1)
		Yes	394 ( 8.9)
INQ080 (%)	Income from retirement/survivor pension	No	4032 ( 91.1)
		Yes	393 ( 8.9)
INQ090 (%)	Income from Supplemental Security Income	No	4006 ( 90.8)
		Yes	405 ( 9.2)
INQ132 (%)	Income from state/county cash assistance	No	4208 ( 95.0)
		Yes	220 ( 5.0)
INQ140 (%)	Income from interest/dividends or rental	No	3541 ( 80.4)
		Yes	863 ( 19.6)
INQ150 (%)	Income from other sources	No	3800 ( 85.9)
		Yes	624 ( 14.1)
IND235 (%)	Monthly family income	\$0 - \$399	150 ( 3.8)
		\$1,250 - \$1,649	292 ( 7.5)
		\$1,650 - \$2,099	353 ( 9.0)
		\$2,100 - \$2,899	367 ( 9.4)

		\$2,900 - \$3,749	472 ( 12.0)
		\$3,750 - \$4,599	391 ( 10.0)
		\$4,600 - \$5,399	261 ( 6.7)
		\$400 - \$799	188 ( 4.8)
		\$5,400 - \$6,249	265 ( 6.8)
		\$6,250 - \$8,399	297 ( 7.6)
		\$8,400 and over	500 ( 12.8)
		\$800 - \$1,249	382 ( 9.7)
<b>INDFMMPI (mean (SD))</b>	Family monthly poverty level index		2.26 (1.56)
<b>INDFMMPC (%)</b>	Family monthly poverty level category	1.30 < Monthly poverty level index <= 1.85	613 ( 14.4)
		Monthly poverty level index <= 1.30	1563 ( 36.8)
		Monthly poverty level index > 1.85	2070 ( 48.8)
<b>INQ300 (%)</b>	Family has savings more than \$20,000	No	3201 ( 75.4)
		Yes	1042 ( 24.6)
<b>IND310 (%)</b>	Total savings/cash assets for the family	\$0 - \$3,000	2478 ( 78.8)
		\$10,001 - \$15,000	128 ( 4.1)
		\$15,001 - \$20,000	48 ( 1.5)
		\$3,001 - \$5,000	261 ( 8.3)
		\$5,001 - \$10,000	228 ( 7.3)
<b>INQ320 (%)</b>	How do you get to the grocery store?	Bus, subway or other public transit	66 ( 1.5)
		In a car that belongs to someone I live with	224 ( 5.0)
		In a car that belongs to someone who lives elsewhere	167 ( 3.8)
		In my car	3720 ( 83.8)
		No usual mode of traveling to store	6 ( 0.1)
		Other	17 ( 0.4)
		Ride bicycle	19 ( 0.4)
		Someone else delivers groceries	6 ( 0.1)
		Taxi or other paid driver	27 ( 0.6)
		Walk	186 ( 4.2)
<b>RIAGENDR (%)</b>	Gender	Female	2406 ( 52.5)
		Male	2176 ( 47.5)

<b>RIDAGEYR (mean (SD))</b>	Age in years at screening		44.25 (14.27)
<b>RIDRETH1 (%)</b>	Race/Hispanic origin	Mexican American	829 ( 18.1)
		Non-Hispanic Black	1019 ( 22.2)
		Non-Hispanic White	1337 ( 29.2)
		Other Hispanic	637 ( 13.9)
		Other Race - Including Multi-Racial	760 ( 16.6)
<b>RIDRETH3 (%)</b>	Race/Hispanic origin w/ NH Asian	Mexican American	829 ( 18.1)
		Non-Hispanic Asian	587 ( 12.8)
		Non-Hispanic Black	1019 ( 22.2)
		Non-Hispanic White	1337 ( 29.2)
		Other Hispanic	637 ( 13.9)
		Other Race - Including Multi-Racial	173 ( 3.8)
<b>DMQMILIZ (%)</b>	Served active duty in US Armed Forces	No	4284 ( 93.5)
		Yes	298 ( 6.5)
<b>DMDBORN4 (%)</b>	Country of birth	Born in 50 US states or DC	2950 ( 64.4)
		Others	1631 ( 35.6)
<b>DMDCITZN (%)</b>	Citizenship status	Citizen by birth or naturalization	3684 ( 80.6)
		Not a citizen of the US	884 ( 19.4)
<b>DMDEDUC2 (%)</b>	Education level - Adults 20+	9-11th grade (Includes 12th grade with no diploma)	545 ( 11.9)
		College graduate or above	1187 ( 25.9)
		High school graduate/GED or equivalent	988 ( 21.6)
		Less than 9th grade	478 ( 10.4)
		Some college or AA degree	1384 ( 30.2)
<b>DMDMARTL (%)</b>	Marital status	Divorced	453 ( 9.9)
		Living with partner	511 ( 11.2)
		Married	2354 ( 51.4)
		Never married	970 ( 21.2)
		Separated	161 ( 3.5)
		Widowed	131 ( 2.9)
<b>DMDHHSIZ (mean (SD))</b>	Total number of people in the Household		3.46 (1.69)
<b>DMDFMSIZ (mean (SD))</b>	Total number of people in the Family		3.28 (1.77)

<b>DMDHHSZA (%)</b>	# of children 5 years or younger in the Household	0	3463 ( 75.6)
		1	737 ( 16.1)
		2	317 ( 6.9)
		3 or more	65 ( 1.4)
<b>DMDHHSZB (%)</b>	# of children 6-17 years old in the Household	0	2794 ( 61.0)
		1	830 ( 18.1)
		2	604 ( 13.2)
		3	218 ( 4.8)
<b>DMDHHSZE (%)</b>	# of adults 60 years or older in the Household	4 or more	136 ( 3.0)
		0	3181 ( 69.4)
		1	839 ( 18.3)
		2	536 ( 11.7)
<b>DMDHRGND (%)</b>	Head of household reference gender	3 or more	26 ( 0.6)
		Female	2068 ( 45.1)
		Male	2514 ( 54.9)
<b>DMDHRAGE (mean (SD))</b>	Head of household reference age		46.89 (14.12)
<b>DMDHRBR4 (%)</b>		Born in 50 US states or DC	2820 ( 64.2)
		Others	1575 ( 35.8)
<b>DMDHREDU (%)</b>	Head of household reference person's country of birth	9-11th Grade (Includes 12th grade with no diploma)	527 ( 12.0)
		College Graduate or above	1173 ( 26.7)
		High School Grad/GED or Equivalent	917 ( 20.9)
		Less Than 9th Grade	465 ( 10.6)
		Some College or AA degree	1314 ( 29.9)
<b>DMDHRMAR (%)</b>	Head of household reference person's marital status	Divorced	466 ( 10.2)
		Living with partner	508 ( 11.1)
		Married	2541 ( 55.7)
		Never married	700 ( 15.3)
		Separated	162 ( 3.6)
<b>DMDHSEDU (%)</b>	Head of household reference person's spouse's education level	Widowed	184 ( 4.0)
		9-11th Grade (Includes 12th grade with no diploma)	226 ( 9.7)
		College Graduate or above	730 ( 31.5)

INDHHIN2 (%)	Annual household income	High School Grad/GED or Equivalent	436 ( 18.8)
		Less Than 9th Grade	268 ( 11.5)
		Some College or AA degree	661 ( 28.5)
		\$ 0 to \$ 4,999	101 ( 2.4)
		\$10,000 to \$14,999	233 ( 5.4)
		\$100,000 and Over	795 ( 18.6)
		\$15,000 to \$19,999	262 ( 6.1)
		\$20,000 and Over	145 ( 3.4)
		\$20,000 to \$24,999	272 ( 6.3)
		\$25,000 to \$34,999	461 ( 10.8)
		\$35,000 to \$44,999	439 ( 10.2)
		\$45,000 to \$54,999	381 ( 8.9)
		\$5,000 to \$ 9,999	146 ( 3.4)
		\$55,000 to \$64,999	295 ( 6.9)
		\$65,000 to \$74,999	244 ( 5.7)
		\$75,000 to \$99,999	458 ( 10.7)
INDFMIN2 (%)	Annual family income	Under \$20,000	53 ( 1.2)
		\$ 0 to \$ 4,999	159 ( 3.7)
		\$10,000 to \$14,999	271 ( 6.3)
		\$100,000 and Over	740 ( 17.2)
		\$15,000 to \$19,999	282 ( 6.6)
		\$20,000 and Over	90 ( 2.1)
		\$20,000 to \$24,999	292 ( 6.8)
		\$25,000 to \$34,999	486 ( 11.3)
		\$35,000 to \$44,999	416 ( 9.7)
		\$45,000 to \$54,999	385 ( 9.0)
		\$5,000 to \$ 9,999	185 ( 4.3)
		\$55,000 to \$64,999	285 ( 6.6)
		\$65,000 to \$74,999	226 ( 5.3)
		\$75,000 to \$99,999	425 ( 9.9)
		Under \$20,000	54 ( 1.3)



<b>INDFMPIR (mean (SD))</b>	Ratio of family income to poverty		2.45 (1.61)
<b>HIQ011 (%)</b>	Covered by health insurance	No	912 ( 19.9)
		Yes	3663 ( 80.1)
<b>HIQ031A (%)</b>	Covered by private insurance	Yes	2298 (100.0)
<b>HIQ270 (%)</b>	Do plans cover prescriptions?	No	198 ( 5.5)
		Yes	3394 ( 94.5)
<b>HIQ210 (%)</b>	Time when no insurance in past year?	No	3241 ( 88.5)
		Yes	422 ( 11.5)
<b>HUQ010 (%)</b>	General health condition	Excellent	553 ( 12.1)
		Fair	905 ( 19.8)
		Good	1711 ( 37.4)
		Poor	221 ( 4.8)
		Very good	1187 ( 25.9)
<b>HUQ020 (%)</b>	Health now compared with 1 year ago	About the Same	3190 ( 69.7)
		Better	971 ( 21.2)
		Worse	419 ( 9.1)
<b>HUQ030 (%)</b>	Routine place to go for healthcare	There is more than one place	34 ( 0.7)
		There is no place	914 ( 19.9)
		Yes	3634 ( 79.3)
<b>HUQ041 (%)</b>	Type place most often go for healthcare	Clinic or health center	1312 ( 35.8)
		Doctor's office or HMO	2012 ( 54.9)
		Doesn't go to one place most often	26 ( 0.7)
		Hospital emergency room	184 ( 5.0)
		Hospital outpatient department	71 ( 1.9)
		Some other place	63 ( 1.7)
<b>HUQ051 (%)</b>	# times receive healthcare over past year	1	862 ( 18.8)
		10 to 12	205 ( 4.5)
		13 to 15	74 ( 1.6)
		16 or more	177 ( 3.9)
		2 to 3	1312 ( 28.7)
		4 to 5	625 ( 13.7)
		6 to 7	280 ( 6.1)

		8 to 9	123 ( 2.7)
		None	919 ( 20.1)
<b>HUQ071 (%)</b>	Overnight hospital patient in last year	No	4122 ( 90.0)
		Yes	459 ( 10.0)
<b>HUQ090 (%)</b>	Seen mental health professional/past yr	No	4153 ( 90.7)
		Yes	427 ( 9.3)
<b>DLQ010 (%)</b>	Have serious difficulty hearing?	No	4314 ( 94.2)
		Yes	267 ( 5.8)
<b>DLQ020 (%)</b>	Have serious difficulty seeing?	No	4365 ( 95.3)
		Yes	216 ( 4.7)
<b>DLQ040 (%)</b>	Have serious difficulty concentrating?	No	4142 ( 90.4)
		Yes	438 ( 9.6)
<b>DLQ050 (%)</b>	Have serious difficulty walking?	No	4043 ( 88.2)
		Yes	539 ( 11.8)
<b>DLQ060 (%)</b>	Have difficulty dressing or bathing?	No	4384 ( 95.7)
		Yes	197 ( 4.3)
<b>DLQ080 (%)</b>	Have difficulty doing errands alone?	No	4291 ( 93.7)
		Yes	290 ( 6.3)
<b>DLQ100 (%)</b>	How often do you feel worried, anxious?	A few times a year	1570 ( 34.4)
		Daily	701 ( 15.4)
		Monthly	599 ( 13.1)
		Never	999 ( 21.9)
		Weekly	694 ( 15.2)
<b>DLQ110 (%)</b>	Take medication for these feelings?	No	4089 ( 89.5)
		Yes	478 ( 10.5)
<b>DLQ130 (%)</b>	How worried or anxious were you?	A little	1726 ( 48.4)
		A lot	473 ( 13.3)
		Somewhere in between a little and a lot	1366 ( 38.3)
<b>DLQ140 (%)</b>	How often do you feel depressed?	Daily	231 ( 5.1)
		Few Times A Year	1504 ( 33.0)
		Monthly	378 ( 8.3)
		Never	2141 ( 46.9)

		Weekly	308 ( 6.8)
<b>DLQ150 (%)</b>	Take medication for depression?	No	4136 ( 90.6)
		Yes	427 ( 9.4)
<b>DLQ170 (%)</b>	How depressed did you feel?	A little	1108 ( 45.8)
		A lot	411 ( 17.0)
		Somewhere in between a little and a lot	901 ( 37.2)
<b>MCQ010 (%)</b>	Ever been told you have asthma?	No	3883 ( 84.8)
		Yes	698 ( 15.2)
<b>MCQ053 (%)</b>	Taking treatment for anemia/past 3 mos	No	4401 ( 96.1)
		Yes	177 ( 3.9)
<b>MCQ080 (%)</b>	Doctor ever said you were overweight?	No	2855 ( 62.3)
		Yes	1724 ( 37.7)
<b>MCQ092 (%)</b>	Ever receive blood transfusion?	No	4156 ( 91.7)
		Yes	378 ( 8.3)
<b>MCQ160A (%)</b>	Doctor ever said you had arthritis?	No	3618 ( 79.1)
		Yes	956 ( 20.9)
<b>MCQ160N (%)</b>	Doctor ever told you that you had gout?	No	4418 ( 96.5)
		Yes	159 ( 3.5)
<b>MCQ160B (%)</b>	Ever told had congestive heart failure?	No	4487 ( 98.0)
		Yes	90 ( 2.0)
<b>MCQ160C (%)</b>	Ever told you had coronary heart disease?	No	4469 ( 97.8)
		Yes	102 ( 2.2)
<b>MCQ160D (%)</b>	Ever told you had angina/ angina pectoris?	No	4497 ( 98.3)
		Yes	79 ( 1.7)
<b>MCQ160E (%)</b>	Ever told you had heart attack?	No	4466 ( 97.5)
		Yes	114 ( 2.5)
<b>MCQ160F (%)</b>	Ever told you had a stroke?	No	4463 ( 97.4)
		Yes	117 ( 2.6)
<b>MCQ160G (%)</b>	Ever told you had emphysema?	No	4504 ( 98.3)
		Yes	76 ( 1.7)
<b>MCQ160M (%)</b>	Ever told you had thyroid problem?	No	4157 ( 90.9)
		Yes	418 ( 9.1)

MCQ160K (%)	Ever told you had chronic bronchitis?	No	4338 ( 94.9)
		Yes	233 ( 5.1)
MCQ160L (%)	Ever told you had any liver condition?	No	4360 ( 95.3)
		Yes	215 ( 4.7)
MCQ160O (%)	Ever told you had COPD?	No	4457 ( 97.4)
		Yes	119 ( 2.6)
MCQ203 (%)	Ever been told you have jaundice?	No	4444 ( 97.1)
		Yes	134 ( 2.9)
MCQ220 (%)	Ever told you had cancer or malignancy?	No	4314 ( 94.2)
		Yes	265 ( 5.8)
MCQ300A (%)	Close relative had heart attack?	No	3920 ( 87.7)
		Yes	550 ( 12.3)
MCQ300B (%)	Close relative had asthma?	No	3495 ( 77.9)
		Yes	993 ( 22.1)
MCQ300C (%)	Close relative had diabetes?	No	2446 ( 54.3)
		Yes	2056 ( 45.7)
MCQ365A (%)	Doctor told you to lose weight?	No	3237 ( 70.6)
		Yes	1345 ( 29.4)
MCQ365B (%)	Doctor told you to exercise?	No	2715 ( 59.3)
		Yes	1866 ( 40.7)
MCQ365C (%)	Doctor told you to reduce salt in diet?	No	3339 ( 72.9)
		Yes	1239 ( 27.1)
MCQ365D (%)	Doctor told you to reduce fat/calories?	No	3144 ( 68.7)
		Yes	1434 ( 31.3)
MCQ370A (%)	Are you now controlling or losing weight?	No	1713 ( 37.4)
		Yes	2864 ( 62.6)
MCQ370B (%)	Are you now increasing exercise?	No	1766 ( 38.6)
		Yes	2815 ( 61.4)
MCQ370C (%)	Are you now reducing salt in diet?	No	2247 ( 49.1)
		Yes	2332 ( 50.9)
MCQ370D (%)	Are you now reducing fat in diet?	No	1965 ( 43.0)
		Yes	2610 ( 57.0)

<b>OSQ230 (%)</b>	Any metal objects inside your body?	No	2141 ( 79.2)
		Yes	561 ( 20.8)
<b>OCD150 (%)</b>	Type of work done last week?	Looking for work	183 ( 4.0)
		Not working at a job or business	1328 ( 29.0)
		With a job or business but not at work	115 ( 2.5)
		Working at a job or business	2947 ( 64.4)
<b>OCQ180 (mean (SD))</b>	Hours worked last week at all jobs?		40.39 (14.24)
<b>OCQ260 (%)</b>	Description of job/work situation	A federal government employee	78 ( 2.6)
		A local government employee	154 ( 5.1)
		A state government employee	223 ( 7.4)
		An employee of a private company, business, or individual for wages, salary, or commission	2248 ( 74.1)
		Self-employed in own business, professional practice or farm.	314 ( 10.4)
		Working without pay in family business or farm	16 ( 0.5)
<b>OCD270 (mean (SD))</b>	Number of months working in the main job?		77.78 (93.73)
<b>OCQ600 (%)</b>	How often wear protective hearing device?	About half the time	70 ( 2.3)
		Always	180 ( 5.9)
		Never	2151 ( 70.3)
		No noise exposure past 12 months	413 ( 13.5)
		Seldom	191 ( 6.2)
		Usually	55 ( 1.8)
<b>OCQ610 (mean (SD))</b>	How many days/month exposed to loud noise?		3.44 (7.16)
<b>OCQ640 (mean (SD))</b>	Days per month exposed to very loud noise?		1.75 (5.28)
<b>OCD395 (mean (SD))</b>	Duration of longest job (months) ?		135.36 (119.27)
<b>PFQ049 (%)</b>		No	3970 ( 86.7)
		Yes	610 ( 13.3)
<b>PFQ051 (%)</b>	Limited in amount of work you can do?	No	3720 ( 81.2)
		Yes	859 ( 18.8)
<b>PFQ054 (%)</b>	Need special equipment to walk?	No	4194 ( 91.5)
		Yes	388 ( 8.5)
<b>PFQ057 (%)</b>	Experience confusion/memory problems?	No	4254 ( 92.9)
		Yes	325 ( 7.1)

PFQ059 (%)	Physical, mental, emotional limitations?	No	3454 ( 97.1)
		Yes	102 ( 2.9)
PFQ090 (%)	Require special healthcare equipment?	No	4273 ( 93.3)
		Yes	309 ( 6.7)
AUQ054 (%)	General condition of hearing?	A little trouble	535 ( 11.7)
		A lot of trouble	71 ( 1.5)
		Deaf	5 ( 0.1)
		Excellent	1869 ( 40.8)
		Good	1921 ( 41.9)
		Moderate hearing trouble	181 ( 4.0)
AUQ060 (%)	Hear a whisper from across a quiet room?	No	706 ( 26.5)
		Yes	1958 ( 73.5)
AUQ100 (%)	Difficult follow conversation if noise?	About half the time	714 ( 15.6)
		Always	221 ( 4.8)
		Never	1736 ( 37.9)
		Seldom	1454 ( 31.8)
		Usually	452 ( 9.9)
AUQ110 (%)	Hearing cause frustration when talking?	About half the time	282 ( 6.2)
		Always	101 ( 2.2)
		Never	3091 ( 67.5)
		Seldom	941 ( 20.5)
		Usually	166 ( 3.6)
AUQ136 (%)	Ever had 3 or more ear infections?	No	3299 ( 74.9)
		Yes	1105 ( 25.1)
AUQ138 (%)	Ever had tube placed in ear?	No	4298 ( 94.4)
		Yes	253 ( 5.6)
AUQ144 (%)	Last time hearing tested by specialist?	1 year to 4 years ago	639 ( 13.9)
		5 to 9 years ago	530 ( 11.6)
		Don't know	136 ( 3.0)
		Less than a year ago	386 ( 8.4)
		Never	1541 ( 33.6)
		Ten or more years ago	1350 ( 29.5)

AUQ146 (%)	Ever worn hearing aid/cochlear implant?	No	4499 ( 98.2)
		Yes	82 ( 1.8)
AUQ154 (%)	Ever used assistive listening devices?	No	4430 ( 96.7)
		Yes	152 ( 3.3)
AUQ191 (%)	Ears ringing, roaring, buzzing past year?	No	3916 ( 85.5)
		Yes	665 ( 14.5)
AUQ300 (%)	Ever used firearms for any reason?	No	2852 ( 62.3)
		Yes	1725 ( 37.7)
AUQ331 (%)	Ever had a job exposure to loud noise?	No	3029 ( 67.0)
		Yes	1492 ( 33.0)
AUQ370 (%)	Had off-work exposure to loud noise?	No	3932 ( 85.9)
		Yes	646 ( 14.1)
AUQ381 (%)	Past year: worn hearing protection?	About half the time	117 ( 2.6)
		Always	216 ( 4.7)
		Never	2845 ( 62.1)
		No noise exposure past 12 months	966 ( 21.1)
		Seldom	284 ( 6.2)
		Usually	153 ( 3.3)
PHQ_DepScore (mean (SD))	PHQ-9 Total Score		5.05 (4.94)
PTA_Left (mean (SD))	Pure tone average, left ear		11.50 (10.85)
PTA_Right (mean (SD))	Pure tone average, right ear		11.35 (10.62)
PHQ_DepCat (%)	PHQ-9 Severity Category	None	1755 ( 61.5)
		Mild	696 ( 24.4)
		Moderate	237 ( 8.3)
		Moderately-Severe	88 ( 3.1)
		Severe	79 ( 2.8)